

ABSTRACT

An implementation module is replaced without affecting system continuity by creating, within an interface module, a plurality of proxy functions corresponding to a plurality of proxy functions within the implementation module. Entries into and exits out of the implementation module are tracked by the system. When the implementation module is to be replaced, the interface module blocks entry by the system into the implementation module. When the number of entries corresponds to the number of exits, the implementation module is replaced. Some global variables of the implementation module are stored in the interface module.